

# Environmental Protection

## MISSION STATEMENT

The mission of the Department of Environmental Protection (DEP) is to protect and enhance the quality of life in our community through conservation, preservation, and restoration of our environment, guided by the principles of science, resource management, sustainability, and stewardship.

## County Government Reorganization

In February, 2008, the County Executive announced a detailed Montgomery County Government Reorganization to improve effectiveness, customer service, accessibility, and efficiency. As part of this plan, Solid Waste Services was moved from the Department of Public Works and Transportation to the Department of Environmental Protection. Due to the scale of operations, the Solid Waste Services budget is displayed separately.

## BUDGET OVERVIEW

The total recommended FY09 Operating Budget for the Department of Environmental Protection is \$11,774,370, an increase of \$1,308,130 or 12.5 percent from the FY08 Approved Budget of \$10,466,240. Personnel Costs comprise 45.9 percent of the budget for 60 full-time positions and five part-time positions for 51.0 workyears. Operating Expenses and Capital Outlay account for the remaining 54.1 percent of the FY09 budget.

In addition, this department's Capital Improvements Program (CIP) requires Current Revenue funding.

## LINKAGE TO COUNTY RESULT AREAS

While this program area supports all eight of the County Result Areas, the following are emphasized:

### ❖ *Healthy and Sustainable Neighborhoods*

## PERFORMANCE MEASURES

This table presents what the department estimates and projects will be the FY08 through FY10 data for its performance measures if there are no changes in funding.

Measure	Actual FY06	Actual FY07	Estimated FY08	Projected FY09	Projected FY10
Enforcement of environmental requirements - Citations <sup>1</sup>	27	70	50	50	50
Enforcement of environmental requirements - Notices of Violation (NOV) <sup>2</sup>	285	268	275	275	275
Million metric tons of greenhouse gas emissions in County <sup>3</sup>	12.6	12.8	12.9	13.1	13.2
Total number of specific impairments found in County watersheds <sup>4</sup>	33	33	33	33	34
Percentage of County watersheds in excellent or good condition <sup>5</sup>	53	51	51	51	51

<sup>1</sup>Citations are issued if a Notice of Violation (NOV) goes unheeded, or if the initial violation is severe enough to warrant an immediate civil citation. A citation results in a fine up to \$500 for the first offense, and \$750 for subsequent violations.

<sup>2</sup>Notice of Violation (NOV) data includes NOV's and written notices. NOV's warn an individual or organization that they are violating an environmental code and corrective action must be taken. Written notices are to inform of a possible violation.

<sup>3</sup>Emissions estimates are from building energy consumption and transportation fuels and do not include loss of sequestration capacity from land use changes and changes in tree canopy. Figures are subject to change.

<sup>4</sup>Impairments are contaminants or other factors that degrade water quality as determined by the Maryland Department of Environment in listing Impaired Watersheds (303(d) list).

<sup>5</sup>A watershed's condition is determined by its capacity to sustain the same aquatic species as those found in natural conditions, as measured by the Index of Biological Integrity. Data reflects a five-year rolling average.

## ACCOMPLISHMENTS AND INITIATIVES

- ❖ *Initiate the Green Business Certification Program that recognizes and promotes businesses taking environmentally responsible actions*
- ❖ *Enhance inspection program of stormwater facilities*
- ❖ *Enhance routine maintenance program for above and below ground stormwater facilities*

- 
- ❖ **Improve management of stream gages for enhanced water quality monitoring**
  - ❖ **Completed the transfer of MCPS owned stormwater facilities to the County for maintenance.**
  - ❖ **Established an informal citizen advisory workgroup in FY08 from the County's watershed and community groups to provide input into the Rainscapes Rebates Program**
  - ❖ **Provided environmental review of the Inter-County Connector (ICC) alignment**
  - ❖ **Initiated comprehensive neighborhood-based assessments for urban runoff mitigation in five drainage areas within impaired watersheds**
  - ❖ **Enrolled over 2,600 residents and 100 businesses in the Clean Energy Rewards Program. This will offset up to 19,000 tons of greenhouse gas emissions**
  - ❖ **Collected data to inventory County Greenhouse Gas Emissions with publication anticipated during FY09**
  - ❖ **Implemented the new Asset Maintenance Management Software System for enhanced efficiency across multiple departments**
  - ❖ **Implemented enhanced customer service through a new online 24/7 environmental issues and complaints web based application**
  - ❖ **Productivity Improvements**
    - **Developed an intranet-based map application in FY08 to expedite response time to residents' inquiries about the water quality protection charge**
    - **Developed an algorithm based program in FY08 using remote sensing technology to derive forest canopy in the County. This algorithm is capable of extracting impervious areas, which reduces manual labor and allows for more time to implement the program**
    - **Developed an online biological monitoring database in FY07 for field biologists, which enables direct data entry from the field**
    - **Developed the Clean Energy Rewards database to enhance budget, planning and oversight data management**

## **PROGRAM CONTACTS**

Contact Gladys Balderrama of the Department of Environmental Protection at 240.777.7732 or Trudy-Ann Hunter of the Office of Management and Budget at 240.777.2778 for more information regarding this department's operating budget.

## **PROGRAM DESCRIPTIONS**

### **Watershed Management**

This program supports watershed-based monitoring, planning, policy development, and project implementation activities which address County stream protection goals (Chapter 19, Article IV). This includes assessment of land development impacts on water resources and the effectiveness of best management practices that mitigate these impacts within the County's four designated "Special Protection Areas" (Chapter 19, Article IV). To comply with aspects of the Federal Clean Water Act National Pollutant Discharge Elimination System (NPDES) permit requirements staff conduct baseline stream monitoring, storm drain discharge monitoring, and public outreach activities that increase awareness and promote citizen involvement in stream stewardship; develop watershed protection priorities; and manage stream protection and restoration projects that implement NPDES stormwater discharge permit requirements and the Countywide Stream Protection Strategy.

Program staff also manage, inspect, and enforce the operational effectiveness of over 3,000 stormwater management facilities which control impacts from stormwater runoff to protect County streams. DEP is also responsible for the structural maintenance of over 600 of these facilities. Revenue for the program is generated through a Water Quality Protection Charge, applied to all residential and associated non-residential properties (associated non-residential properties are non-residential properties that drain into the stormwater facilities of residential properties), except for those in the cities of Rockville and Takoma Park.

**FY09 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY08 Approved</b>	<b>6,743,680</b>	<b>24.1</b>
Enhance: Annualization of transfer of MCPS owned Stormwater Management Facilities to DEP	633,800	0.0
Enhance: Below ground routine maintenance of 277 additional storm water facilities	176,970	0.0
Increase Cost: Annualization of FY08 lapsed position and Personnel Costs	150,800	0.5
Enhance: Above-ground routine maintenance of 72 additional stormwater facilities	122,660	0.0
Enhance: Inspection of 130 additional stormwater facilities	99,070	0.0
Enhance: Inspector III and operating expenses for privately-maintained stormwater management facilities and to enforce Executive Regulation 7-02 AM and NPDES permit	94,960	0.8
Increase Cost: Pass through to the City of Gaithersburg	81,550	0.0
Enhance: Planning Specialist III and operating expenses to handle the transfer of stormwater facilities to the County	65,190	0.8
Increase Cost: Planning Specialist III and operating expenses to implement the Low Impact Design: Residential Program	65,190	0.8
Increase Cost: DTS charges for maintenance of Asset Management Inventory and Maintenance System	51,000	0.0
Increase Cost: Downcounty Stream Gages maintenance	46,580	0.0
Decrease Cost: Technical adjustment of Workyears	0	-0.3
Decrease Cost: Decrease Operating Expenses	-31,500	0.0
Decrease Cost: Low Impact Design (LID) - Private Sector Program and create a new Planning Specialist III position to implement the program	-65,190	0.0
Decrease Cost: Low Impact Design - Community Outreach	-106,250	0.0
Shift: Transfer of Government Facility Retrofit with Low Impact Design to the CIP	-591,000	-1.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	186,500	-0.1
<b>FY09 CE Recommended</b>	<b>7,724,010</b>	<b>25.6</b>

**Environmental Policy and Compliance**

This program develops and implements scientifically-based, integrated programs which protect and enhance the County's environmental resources, and encourage sustainable practices by the County government, businesses and residents. The division develops, analyzes, and enforces policies, programs and regulations related to air quality (ambient and indoor), water quality and stormwater management, energy conservation, forest and tree resources, noise control, pollution prevention, and sustainability. The division is also responsible for environmental monitoring of the County's solid waste facilities; coordination of responses on all legislative referrals at the local, state and federal levels; and participation on local and regional task forces, committees, and various advisory groups.

**FY09 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY08 Approved</b>	<b>1,811,610</b>	<b>12.0</b>
Increase Cost: Study resulting from the Clean Water Task Force	375,000	0.0
Add: Green Business Program	25,000	0.0
Decrease Cost: Technical adjustment of Workyears	0	-0.1
Decrease Cost: Annualization of FY08 Service Increment - Charges to Others	-1,190	0.2
Decrease Cost: Vacant Part-Time Program Specialist I	-33,600	-0.5
Decrease Cost: Decrease Operating Expenses	-38,000	0.0
Decrease Cost: Gypsy Moth Suppression and Survey	-41,000	0.0
Decrease Cost: Vacant Full-Time Planning Specialist III	-81,040	-1.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	60,400	0.1
<b>FY09 CE Recommended</b>	<b>2,077,180</b>	<b>10.7</b>

**Administration**

The Office of the Director provides leadership on policy development, implementation, and administration for all departmental programs. The Director's office is also responsible for planning, development and administration of water supply and wastewater policies for the County, development of the State-required Montgomery County Comprehensive Water Supply and Sewerage System Plan; development and implementation of the County groundwater strategy which focuses on water quality and water supply aspects of groundwater resources. Accordingly, this program provides the department and the County with a comprehensive and technically based team of experts in water and wastewater focused on promoting public health and environmental protection. In addition, the Director's office provides centrally-coordinated public education, outreach, and effective communication of County environmental initiatives and objectives to promote better community understanding of environmental issues and services provided by the

Department. The Administrative Services Section in the Director's office is responsible for budget and fiscal management oversight, contract management, human resources management, information technology, and day-to-day operational services for the department.

### **FY09 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY08 Approved</b>	<b>1,910,950</b>	<b>14.4</b>
Increase Cost: MLS Adjustment	14,700	0.0
Increase Cost: Annualization of FY08 Personnel Costs	9,630	0.0
Increase Cost: Central Duplicating Deficit Recovery Charge	660	0.0
Increase Cost: Central Duplicating Recovery Charge	160	0.0
Increase Cost: Technical adjustment	0	0.3
Decrease Cost: Personnel Costs	-46,550	0.0
Decrease Cost: Decrease Operating Expenses	-53,250	0.0
Miscellaneous adjustments, including negotiated compensation changes, employee benefit changes, changes due to staff turnover, reorganizations, and other budget changes affecting more than one program	136,880	0.0
<b>FY09 CE Recommended</b>	<b>1,973,180</b>	<b>14.7</b>

## BUDGET SUMMARY

	Actual FY07	Budget FY08	Estimated FY08	Recommended FY09	% Chg Bud/Rec
<b>COUNTY GENERAL FUND</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	2,258,059	2,641,660	2,516,320	2,735,450	3.6%
Employee Benefits	720,062	869,570	805,640	882,250	1.5%
<b>County General Fund Personnel Costs</b>	<b>2,978,121</b>	<b>3,511,230</b>	<b>3,321,960</b>	<b>3,617,700</b>	<b>3.0%</b>
Operating Expenses	923,533	1,253,800	1,229,140	1,144,840	-8.7%
Capital Outlay	0	0	0	0	—
<b>County General Fund Expenditures</b>	<b>3,901,654</b>	<b>4,765,030</b>	<b>4,551,100</b>	<b>4,762,540</b>	<b>-0.1%</b>
<b>PERSONNEL</b>					
Full-Time	45	46	46	45	-2.2%
Part-Time	6	5	5	4	-20.0%
Workyears	34.9	34.9	34.9	33.9	-2.9%
<b>REVENUES</b>					
Civil Citations - DEP	13,580	8,000	14,000	14,000	75.0%
SPA Monitoring Fee	186,735	200,000	120,000	120,000	-40.0%
Water and Sewer Plan Review Fee	59,750	65,000	30,000	30,000	-53.8%
<b>County General Fund Revenues</b>	<b>260,065</b>	<b>273,000</b>	<b>164,000</b>	<b>164,000</b>	<b>-39.9%</b>
<b>GRANT FUND MCG</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	0	0	0	0	—
Employee Benefits	0	0	0	0	—
<b>Grant Fund MCG Personnel Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>
Operating Expenses	52,345	0	0	0	—
Capital Outlay	0	0	0	0	—
<b>Grant Fund MCG Expenditures</b>	<b>52,345</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>
<b>PERSONNEL</b>					
Full-Time	0	0	0	0	—
Part-Time	0	0	0	0	—
Workyears	0.0	0.0	0.0	0.0	—
<b>REVENUES</b>					
Remote High Hazard Dam Monitoring 5% Initiative	42,107	0	0	0	—
Chesapeake Bay Small Watershed	10,183	0	0	0	—
Pilot Watershed Program - Task 3	55	0	0	0	—
<b>Grant Fund MCG Revenues</b>	<b>52,345</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>—</b>
<b>WATER QUALITY PROTECTION FUND</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	874,058	1,140,100	1,193,050	1,330,710	16.7%
Employee Benefits	272,975	315,540	368,920	458,940	45.4%
<b>Water Quality Protection Fund Personnel Costs</b>	<b>1,147,033</b>	<b>1,455,640</b>	<b>1,561,970</b>	<b>1,789,650</b>	<b>22.9%</b>
Operating Expenses	3,949,006	4,245,570	4,053,600	5,198,680	22.4%
Capital Outlay	0	0	0	23,500	—
<b>Water Quality Protection Fund Expenditures</b>	<b>5,096,039</b>	<b>5,701,210</b>	<b>5,615,570</b>	<b>7,011,830</b>	<b>23.0%</b>
<b>PERSONNEL</b>					
Full-Time	11	12	12	15	25.0%
Part-Time	1	1	1	1	—
Workyears	13.9	15.6	15.6	17.1	9.6%
<b>REVENUES</b>					
FEMA Reimbursement	300,194	0	0	0	—
Investment Income	273,640	230,000	230,000	150,000	-34.8%
Water Quality Protection Charge	5,980,892	6,086,440	5,986,290	8,465,140	39.1%
<b>Water Quality Protection Fund Revenues</b>	<b>6,554,726</b>	<b>6,316,440</b>	<b>6,216,290</b>	<b>8,615,140</b>	<b>36.4%</b>
<b>DEPARTMENT TOTALS</b>					
<b>Total Expenditures</b>	<b>9,050,038</b>	<b>10,466,240</b>	<b>10,166,670</b>	<b>11,774,370</b>	<b>12.5%</b>
<b>Total Full-Time Positions</b>	<b>56</b>	<b>58</b>	<b>58</b>	<b>60</b>	<b>3.4%</b>
<b>Total Part-Time Positions</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>-16.7%</b>
<b>Total Workyears</b>	<b>48.8</b>	<b>50.5</b>	<b>50.5</b>	<b>51.0</b>	<b>1.0%</b>
<b>Total Revenues</b>	<b>6,867,136</b>	<b>6,589,440</b>	<b>6,380,290</b>	<b>8,779,140</b>	<b>33.2%</b>

## FY09 RECOMMENDED CHANGES

	Expenditures	WYs
<b>COUNTY GENERAL FUND</b>		
<b>FY08 ORIGINAL APPROPRIATION</b>	<b>4,765,030</b>	<b>34.9</b>
<b><u>Changes (with service impacts)</u></b>		
Add: Green Business Program [Environmental Policy and Compliance]	25,000	0.0
<b><u>Other Adjustments (with no service impacts)</u></b>		
Increase Cost: General Wage and Service Increment Adjustments	165,710	0.0
Increase Cost: Group Insurance Adjustment	47,630	0.0
Increase Cost: Retirement Adjustment	31,180	0.0
Increase Cost: Motor Pool Rate Adjustment	25,190	0.0
Increase Cost: MLS Adjustment [Administration]	14,700	0.0
Increase Cost: Annualization of FY08 Personnel Costs [Administration]	9,630	0.0
Decrease Cost: Printing and Mail Adjustments	3,940	0.0
Increase Cost: Central Duplicating Deficit Recovery Charge [Administration]	660	0.0
Increase Cost: Technical adjustment [Administration]	0	0.3
Decrease Cost: Annualization of FY08 Service Increment - Charges to Others [Environmental Policy and Compliance]	-1,190	0.2
Decrease Cost: Decrease Operating Expenses [Watershed Management]	-31,500	0.0
Decrease Cost: Vacant Part-Time Program Specialist I [Environmental Policy and Compliance]	-33,600	-0.5
Decrease Cost: Decrease Operating Expenses [Environmental Policy and Compliance]	-38,000	0.0
Decrease Cost: Gypsy Moth Suppression and Survey [Environmental Policy and Compliance]	-41,000	0.0
Decrease Cost: Personnel Costs [Administration]	-46,550	0.0
Decrease Cost: Decrease Operating Expenses [Administration]	-53,250	0.0
Decrease Cost: Vacant Full-Time Planning Specialist III [Environmental Policy and Compliance]	-81,040	-1.0
<b>FY09 RECOMMENDED:</b>	<b>4,762,540</b>	<b>33.9</b>
<b>GRANT FUND MCG</b>		
<b>FY08 ORIGINAL APPROPRIATION</b>	<b>0</b>	<b>0.0</b>
<b>FY09 RECOMMENDED:</b>	<b>0</b>	<b>0.0</b>
<b>WATER QUALITY PROTECTION FUND</b>		
<b>FY08 ORIGINAL APPROPRIATION</b>	<b>5,701,210</b>	<b>15.6</b>
<b><u>Changes (with service impacts)</u></b>		
Enhance: Annualization of transfer of MCPS owned Stormwater Management Facilities to DEP [Watershed Management]	633,800	0.0
Enhance: Below ground routine maintenance of 277 additional storm water facilities [Watershed Management]	176,970	0.0
Enhance: Above-ground routine maintenance of 72 additional stormwater facilities [Watershed Management]	122,660	0.0
Enhance: Inspection of 130 additional stormwater facilities [Watershed Management]	99,070	0.0
Enhance: Inspector III and operating expenses for privately-maintained stormwater management facilities and to enforce Executive Regulation 7-02 AM and NPDES permit [Watershed Management]	94,960	0.8
Enhance: Planning Specialist III and operating expenses to handle the transfer of stormwater facilities to the County [Watershed Management]	65,190	0.8
<b><u>Other Adjustments (with no service impacts)</u></b>		
Increase Cost: Study resulting from the Clean Water Task Force [Environmental Policy and Compliance]	375,000	0.0
Increase Cost: Annualization of FY08 lapsed position and Personnel Costs [Watershed Management]	150,800	0.5
Increase Cost: Pass through to the City of Gaithersburg [Watershed Management]	81,550	0.0
Increase Cost: General Wage and Service Increment Adjustments	77,650	0.0
Increase Cost: Planning Specialist III and operating expenses to implement the Low Impact Design: Residential Program [Watershed Management]	65,190	0.8
Increase Cost: DTS charges for maintenance of Asset Management Inventory and Maintenance System [Watershed Management]	51,000	0.0
Increase Cost: Downcounty Stream Gages maintenance [Watershed Management]	46,580	0.0
Increase Cost: Group Insurance Adjustment	21,120	0.0
Increase Cost: Retirement Adjustment	8,920	0.0
Decrease Cost: Printing and Mail Adjustments	2,440	0.0
Increase Cost: Central Duplicating Recovery Charge [Administration]	160	0.0
Decrease Cost: Technical adjustment of Workyears [Environmental Policy and Compliance]	0	-0.1

	Expenditures	WYs
Decrease Cost: Technical adjustment of Workyears [Watershed Management]	0	-0.3
Decrease Cost: Low Impact Design (LID) - Private Sector Program and create a new Planning Specialist III position to implement the program [Watershed Management]	-65,190	0.0
Decrease Cost: Low Impact Design - Community Outreach [Watershed Management]	-106,250	0.0
Shift: Transfer of Government Facility Retrofit with Low Impact Design to the CIP [Watershed Management]	-591,000	-1.0
<b>FY09 RECOMMENDED:</b>	<b>7,011,830</b>	<b>17.1</b>

## PROGRAM SUMMARY

	FY08 Approved		FY09 Recommended	
	Expenditures	WYs	Expenditures	WYs
Watershed Management	6,743,680	24.1	7,724,010	25.6
Environmental Policy and Compliance	1,811,610	12.0	2,077,180	10.7
Administration	1,910,950	14.4	1,973,180	14.7
Totals	10,466,240	50.5	11,774,370	51.0

## CHARGES TO OTHER DEPARTMENTS

Recipient Department	Recipient Fund	FY08		FY09	
		Total\$	WYs	Total\$	WYs
GENERAL FUND					
CIP	CIP	640,160	5.9	786,100	7.0
DEP-Solid Waste Services	Solid Waste Disposal	668,280	5.3	680,500	5.1

## FUTURE FISCAL IMPACTS

Title	CE REC. FY09	FY10	FY11	(FY12)	FY13	FY14
This table is intended to present significant future fiscal impacts of the department's programs.						
<b>COUNTY GENERAL FUND</b>						
<b>Expenditures</b>						
<b>FY09 Recommended</b>	<b>4,763</b>	<b>4,763</b>	<b>4,763</b>	<b>4,763</b>	<b>4,763</b>	<b>4,763</b>
No inflation or compensation change is included in outyear projections.						
<b>Labor Contracts</b>	<b>0</b>	<b>175</b>	<b>184</b>	<b>184</b>	<b>184</b>	<b>184</b>
These figures represent the estimated cost of general wage adjustments, service increments, and associated benefits.						
<b>Gypsy Moth Survey and Suppression</b>	<b>0</b>	<b>0</b>	<b>-30</b>	<b>-30</b>	<b>-30</b>	<b>-30</b>
Figures are based on estimated gypsy moth population trends and represents Montgomery County's cost-share, in partnership with the State of Maryland and the Federal Government, for spraying requirements to suppress damage on priority forest and shade trees. Funding can be scaled back as the moth population cycle trends downward.						
<b>Subtotal Expenditures</b>	<b>4,763</b>	<b>4,937</b>	<b>4,917</b>	<b>4,917</b>	<b>4,917</b>	<b>4,917</b>
<b>WATER QUALITY PROTECTION FUND</b>						
<b>Expenditures</b>						
<b>FY09 Recommended</b>	<b>7,012</b>	<b>7,012</b>	<b>7,012</b>	<b>7,012</b>	<b>7,012</b>	<b>7,012</b>
No inflation or compensation change is included in outyear projections.						
<b>Annualization of Positions Recommended in FY09</b>	<b>0</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>
New positions in the FY09 budget are generally lapsed due to the time it takes a position to be created and filled. Therefore, the amounts above reflect annualization of these positions in the outyears.						
<b>Elimination of One-Time Items Recommended in FY09</b>	<b>0</b>	<b>-31</b>	<b>-31</b>	<b>-31</b>	<b>-31</b>	<b>-31</b>
Items approved for one-time funding in FY09 will be eliminated from the base in the outyears.						
<b>Labor Contracts</b>	<b>0</b>	<b>116</b>	<b>119</b>	<b>119</b>	<b>119</b>	<b>119</b>
These figures represent the estimated cost of general wage adjustments, service increments, and associated benefits.						
<b>Inspections of New Facilities</b>	<b>0</b>	<b>30</b>	<b>61</b>	<b>91</b>	<b>121</b>	<b>151</b>
These figures represent costs associated with the inspection of new above and underground stormwater management facilities projected to come into the water quality protection program.						
<b>Maintenance Stormwater Management Facilities due to Transfer</b>	<b>0</b>	<b>258</b>	<b>516</b>	<b>516</b>	<b>516</b>	<b>516</b>
Expenditures reflect costs associated with the transfer of existing stormwater management facilities into the County's maintenance						

Title	CE REC.	(\$000's)				
	FY09	FY10	FY11	FY12	FY13	FY14
program.						
<b>Maintenance of New Stormwater Management Facilities due to Growth</b>	<b>0</b>	<b>81</b>	<b>162</b>	<b>243</b>	<b>324</b>	<b>405</b>
Expenditures reflect the maintenance requirements of new stormwater management facilities.						
<b>New facilities due to CIP projects</b>	<b>0</b>	<b>15</b>	<b>30</b>	<b>45</b>	<b>60</b>	<b>75</b>
Increased expenditures in outyears reflect on-going maintenance costs associated with the completion of new CIP projects including the Stream Valley Improvements and Montclair Manor Flood Mitigation projects.						
<b>Subtotal Expenditures</b>	<b>7,012</b>	<b>7,505</b>	<b>7,893</b>	<b>8,019</b>	<b>8,145</b>	<b>8,272</b>

## ANNUALIZATION OF PERSONNEL COSTS AND WORKYEARS

	FY09 Recommended		FY10 Annualized	
	Expenditures	WYs	Expenditures	WYs
Enhance: Inspector III and operating expenses for privately-maintained stormwater management facilities and to enforce Executive Regulation 7-02 AM and NPDES permit [Watershed Management]	61,360	0.8	73,630	1.0
Enhance: Planning Specialist III and operating expenses to handle the transfer of stormwater facilities to the County [Watershed Management]	61,360	0.8	73,630	1.0
Increase Cost: Planning Specialist III and operating expenses to implement the Low Impact Design: Residential Program [Watershed Management]	61,360	0.8	61,360	1.0
<b>Total</b>	<b>184,080</b>	<b>2.4</b>	<b>208,620</b>	<b>3.0</b>



**FY09-14 PUBLIC SERVICES PROGRAM: FISCAL PLAN**
**Water Quality Protection Fund**

	FY08	FY09	FY10	FY11	FY12	FY13	FY14
FISCAL PROJECTIONS	ESTIMATE	RECOMMENDED	PROJECTION	PROJECTION	PROJECTION	PROJECTION	PROJECTION
<b>ASSUMPTIONS</b>							
Indirect Cost Rate	12.56%	12.88%	12.88%	12.88%	12.88%	12.88%	12.88%
CPI (Fiscal Year)	3.59%	2.82%	2.42%	2.50%	2.50%	2.50%	2.50%
Investment Income Yield	4.00%	2.50%	2.50%	3.50%	4.00%	4.50%	4.75%
Number of Equivalent Residential Units (ERUs)	238,461	239,653	240,851	242,055	243,265	244,481	245,703
Water Quality Protection Charge per ERU	\$25.23	\$35.50	\$35.50	\$40.00	\$42.00	\$42.50	\$44.00
Collection Factor for Charge	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%	99.5%
<b>BEGINNING FUND BALANCE</b>	<b>2,540,280</b>	<b>2,025,750</b>	<b>1,048,440</b>	<b>1,118,470</b>	<b>1,173,540</b>	<b>1,164,150</b>	<b>1,275,730</b>
<b>REVENUES</b>							
Charges For Services	5,986,290	8,465,143	9,585,870	10,115,478	10,287,069	10,703,378	11,001,352
Miscellaneous	230,000	150,000	220,000	260,000	300,000	330,000	360,000
<b>Subtotal Revenues</b>	<b>6,216,290</b>	<b>8,615,143</b>	<b>9,805,870</b>	<b>10,375,478</b>	<b>10,587,069</b>	<b>11,033,378</b>	<b>11,361,352</b>
<b>INTERFUND TRANSFERS (Net Non-CIP)</b>	<b>(182,820)</b>	<b>(259,620)</b>	<b>(276,570)</b>	<b>(270,200)</b>	<b>(261,730)</b>	<b>(245,800)</b>	<b>(245,800)</b>
Transfers To The General Fund	(182,820)	(259,620)	(276,570)	(270,200)	(261,730)	(245,800)	(245,800)
Indirect Costs	(182,820)	(230,510)	(245,390)	(245,800)	(245,800)	(245,800)	(245,800)
Technology Modernization		(29110)	(31180)	(24400)	(15930)	0	0
<b>TOTAL RESOURCES</b>	<b>8,573,750</b>	<b>10,381,273</b>	<b>10,577,740</b>	<b>11,223,748</b>	<b>11,498,879</b>	<b>11,951,728</b>	<b>12,391,282</b>
<b>CIP CURRENT REVENUE APPROP.</b>	<b>(500,000)</b>	<b>(2,321,000)</b>	<b>(2,241,000)</b>	<b>(2,241,000)</b>	<b>(2,291,000)</b>	<b>(2,291,000)</b>	<b>(2,341,000)</b>
<b>PSP OPER. BUDGET APPROP/ EXP'S.</b>							
Operating Budget	(5,615,570)	(7,011,830)	(6,608,020)	(6,607,930)	(6,508,070)	(6,508,070)	(6,508,070)
Capital Outlay		(23,500)	0	0	0	0	0
Labor Agreement	n/a	(110,130)	(115,560)	(118,760)	(118,760)	(118,760)	(118,760)
Annualizations and One-Time (PC)	0	0	(24,540)	(24,540)	(24,540)	(24,540)	(24,540)
Annualizations and One-Time (OE)	0	0	7,220	7,220	7,220	7,220	7,220
Annualizations and One-Time (CO)	0	0	23,500	23,500	23,500	23,500	23,500
Central Duplicating Deficit Recovery Charge	0	0	(10)	320	320	320	320
FFIs - Maintenance of new facilities due to growth	0	0	(81,000)	(162,000)	(243,000)	(324,000)	(405,000)
FFIs - Maintenance of new facilities due to new CIP Projects	0	0	(15,000)	(30,000)	(45,000)	(60,000)	(75,000)
FFIs - Maintenance of new facilities due to Transfers	0	0	(258,000)	(258,000)	(516,000)	(516,000)	(516,000)
FFIs - Inspections of new facilities due to growth	0	0	(30,260)	(60,520)	(90,780)	(121,040)	(151,300)
FFIs - Annualization of MCPS facility maintenance	0	0	0	0	0	0	0
Adj for PY Encumbrances/Reserves	n/a	n/a	n/a	n/a	n/a	n/a	n/a
<b>Subtotal PSP Oper Budget Approp / Exp's (MARC)</b>	<b>(5,615,570)</b>	<b>(7,011,830)</b>	<b>(7,218,270)</b>	<b>(7,809,210)</b>	<b>(8,043,730)</b>	<b>(8,385,000)</b>	<b>(8,733,400)</b>
<b>OTHER CLAIMS ON FUND BALANCE</b>	<b>(432,426)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL USE OF RESOURCES</b>	<b>(6,547,996)</b>	<b>(9,332,830)</b>	<b>(9,459,270)</b>	<b>(10,050,210)</b>	<b>(10,334,730)</b>	<b>(10,676,000)</b>	<b>(11,074,400)</b>
<b>YEAR END FUND BALANCE</b>	<b>2,025,750</b>	<b>1,048,440</b>	<b>1,118,470</b>	<b>1,173,540</b>	<b>1,164,150</b>	<b>1,275,730</b>	<b>1,316,880</b>
<b>END-OF-YEAR RESERVES AS A</b>							
<b>PERCENT OF RESOURCES</b>	<b>23.6%</b>	<b>10.1%</b>	<b>10.6%</b>	<b>10.5%</b>	<b>10.1%</b>	<b>10.7%</b>	<b>10.6%</b>

**Assumptions:**

1. These projections are based on the County Executive's Recommended Budget and include negotiated labor agreements, the operating costs of capital facilities, the fiscal impact of approved legislation or regulations, and other programmatic commitments. The projected future expenditures, revenues, and fund balances may vary based on changes to charges, usage, inflation, future labor agreements, and other factors not assumed here.
2. The labor contract with the Municipal and County Government Employees Organization, Local 1994 expires at the end of FY10.
3. The Water Quality Protection Charge is applied to all residential and associated non-residential properties (associated non-residential properties are non-residential properties that drain into the stormwater facilities of residential properties), except for those in the city of Rockville and Takoma Park.
4. Residential and associated non-residential property stormwater facilities will be maintained to permit standards as they are phased into the program.
5. Operating costs for new facilities completed between FY09-FY14 have been incorporated in the future Fiscal Impact (FFI) rows.
6. Charges are adjusted to maintain a balance of 10 to 15 percent of resources. For purposes of analysis, general rate increases are reflected in FY10, FY11, FY12, FY13, and FY14.
7. If the Water Quality Protection Charge (WQPC) is used to fund other water resource protection programs beyond this current scope, the fund balance policy will be reevaluated.

